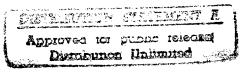
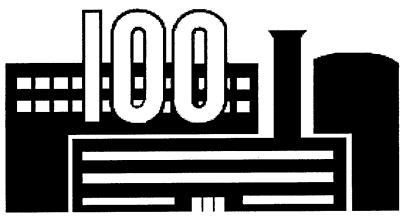


# **100 CONTRACTORS**

# RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS FOR RDT&E

Fiscal Year 1996





19970902 125

DTIC QUALITY INSPECTED &



# 100 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS FOR RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

FISCAL YEAR 1996

Department of Defense
Washington Headquarters Services
Directorate for Information
Operations and Reports

For sale by the Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-9371
Telephone: (202) 512-1800

DTIC/NTIS identification number for this publication is DIOR/P02-96.

#### **FOREWORD**

100 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test, and Evaluation (RDT&E) is published annually. This report provides information on the 100 contractors that received the largest dollar volume in Department of Defense prime contract awards over \$25,000 for RDT&E. These data are presented in four tables showing:

- 1. An alphabetical listing of the top 100 companies;
- 2. The net value of awards to business firms operating in the United States;
- 3. The net value of awards to educational and other nonprofit institutions operating in the United States; and
- 4. The net value of awards to foreign contractors.

## TABLE OF CONTENTS

lnt	roduction	11
Га	bles:	
,	Table 1.	Alphabetical Listing of the Top 100 DoD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 19967
,	Table 2.	Net Value of DoD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 19969
	Table 3.	Net Value of DoD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Educational and Nonprofit Institutions: FY 199615
	Table 4.	Net Value of DoD Prime Contract Awards Over \$25,000 for RDT&E to Foreign Contractors: FY 1996

#### INTRODUCTION

This report presents summary data on the 100 prime contractors receiving the largest dollar volume in Department of Defense (DoD) awards over \$25,000 for research, development, test, and evaluation (RDT&E) work during fiscal year (FY) 1996. RDT&E work can include research (basic and applied) and development (exploratory, advanced, engineering, operational systems, or management and support services). Full definitions for each of these categories are provided in Section 235.001 of the Defense Federal Acquisition Regulation Supplement.

These data rank each corporation according to its relative standing. The order of ranking is based on the net value of each contractor's RDT&E awards. Beginning in FY 1994, the contractors have been ranked by the parent company vs. subsidiaries or divisions of the company as in past issues of this publication. For example, figures for General Motors Corporation include awards to Hughes Aircraft Company and Hughes Missile Systems Company. Also, classification of a company as foreign is based on the parent company. Beginning in FY 1996, only the top 100 contractors are listed in this publication.

Table 1, page 7, lists the 100 contractors in alphabetical order, displays the order of ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2, page 9, shows the net value of awards to U.S. business firms. Those firms which qualify as small businesses are further identified by an "S." The net value of awards to each of the firm's reported locations is also provided. Tables 3 and 4, on pages 15 and 17, respectively, provide the net value of awards to U.S. educational and other nonprofit institutions and foreign contractors. As in Table 1, contractors in Tables 2 through 4 are shown by order of ranking, with their total awards indicated by an asterisk (\*). The value of awards to each of the contractor's reported locations is also shown for these tables.

#### NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown may be that of the Defense agency rather than the contractor.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE FEDERAL PROCUREMENT DATA SYSTEM CONTRACTOR ESTABLISHMENT CODE AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.

#### **HIGHLIGHTS**

The following table shows the net value and percentage distribution of all RDT&E awards, RDT&E awards to the top 100 companies, and all other RDT&E awards for FY 1996.

Department of Defense Prime Contract Awards Over \$25,000 Fiscal Year 1996

					RDT&E				
TYPE OF CONTRACTOR		TOTAL			TOP 100		•	ALL OTHE	R
	No.	Awards (\$000)	% of Total \$	No.	Awards (\$000)	% of Total \$	No.	Awards	% of Total \$
DDT0 D T / I	2.065	20.276.620	100	100	17 207 001	100	2,965	3,068,658	100
RDT&E - Total	3,065	20,276,639	100	100 76	17,207,981	88	2,547	2,563,277	84
Business Firms	2,623	17,698,760	87		15,135,483			1,813,474	59
Small	2,236	2,539,607	13	20	726,133	4	2,216		
Large	387	15,159,153	75	56	14,409,350	84	331	749,803	24
Educational & Nonprofit	277	2,263,434	11	20	1,896,127	11	257	367,307	12
Educational	207	1,028,870	5	8	796,349	5	199	232,521	8
Nonprofit	70	1,234,564	6	12	1,099,778	6	58	134,786	4
U.S. Government									
Agencies	17	11,102	*	0	0	*	17	11,102	*
Foreign	148	303,342	1	4	176,371	1	144	126,971	4

\*LESS THAN 0.5 PERCENT

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

Based on the percentage of total awards, the distribution of FY 1996 awards varies moderately from that in FY 1995. In FY 1996, the top 100 contractors included 76 U.S. business firms (20 of which were small businesses); 20 educational and nonprofit institutions; and 4 foreign contractors. In FY 1995, the top 100 consisted of 77 U.S. business firms (12 were small businesses); 20 educational and nonprofit institutions; and 3 foreign contractors.

The top 100 RDT&E contractors received awards totaling \$17.2 billion in FY 1996, compared to \$18.3 billion in FY 1995, a decrease of \$1.2 billion, or 6.6 percent. The \$17.2 billion represents 84.9 percent of the \$20.3 billion total prime contract awards over \$25,000 for RDT&E work in FY 1996.

In addition to the top 100 contractors, there were 2,965 other contractors for which RDT&E procurement actions over \$25,000 were reported, for a total of 3,065 contractors in FY 1996. In FY 1995, the total number of contractors in this category was 2,814.

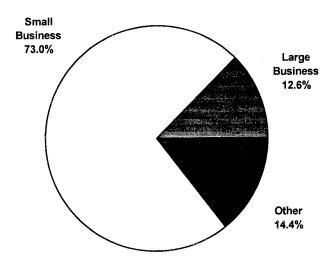
Of the 28 contractors with RDT&E awards of \$100 million or more in FY 1996, 23 were business firms and 5 were educational and other nonprofit institutions. These 28 contractors had a total of \$14.4 billion in RDT&E awards. In FY 1995, there were 32 contractors who reached the \$100 million plateau, with awards totaling \$15.3 billion. Of these 32 contractors, 27 were business firms and 5 were educational and other nonprofit institutions. The amount of awards for this \$100 million group decreased by \$900 million, or 6.8 percent, between FY 1995 and 1996.

The charts on page 4 display a breakout of types of contractors as a percentage of the total contractors receiving RDT&E awards; and then as a percentage of the top 100 contractors. The first chart shows that within the category of all RDT&E awards, small business represents the largest share, or 73.0 percent; followed by other entities, 14.4 percent; and large business, 12.6 percent. The second chart reflects that within the category of only the top 100 RDT&E contractors, large business has the greatest share, 56 percent; followed by small business, 20 percent; and other, 24 percent.

Both charts on page 4 show the number of firms with their associated percentages, not the percentage of dollars.

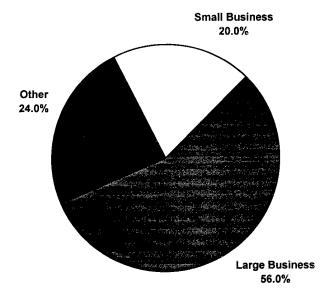
## TOTAL CONTRACTORS RECEIVING RDT&E AWARDS

Fiscal Year 1996



**TOTAL NUMBER OF FIRMS = 3,065** 

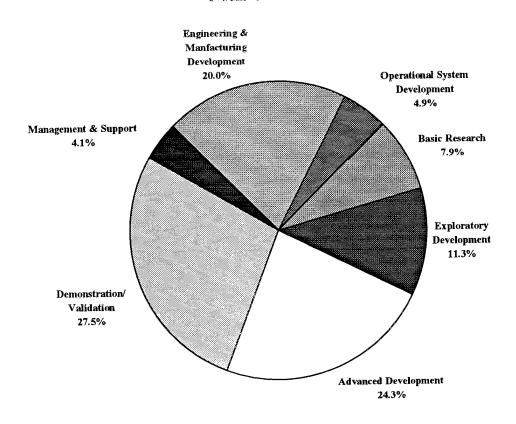
### **TOP 100 CONTRACTORS - RDT&E**



The following table shows the type of RDT&E work the contractors were engaged in and the net value and percentage distribution of all awards for each of these types in FY 1996. Demonstration/Validation accounted for the largest share (27.5 percent) of RDT&E awards, followed by Advanced Development (24.3 percent) and Engineering & Manufacturing Development (20.0 percent).

ТҮРЕ	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$20,276,639	100.0
Basic Research	1,603,462	7.9
Exploratory Development	2,297,172	11.3
Advanced Development	4,920,289	24.3
Demonstration/Validation	5,566,341	27.5
Engineering & Manufacturing Development	4,064,959	20.0
Management & Support	830,427	4.1
Operational System Development	993,990	4.9

DOLLAR AWARDS BY TYPE OF RDT&E WORK
Fisual Year 1996



The final table below shows the net value and percentage distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation in the Aircraft and Missile & Space Systems program areas. In FY 1996, a combined total of \$10.44 billion, or 51.5 percent of all RDT&E awards over \$25,000, was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$20,276,639	100.0
Missile & Space Systems	5,022,519	24.8
Electronics & Communication Equipment	2,875,445	14.2
Aircraft	5,418,801	26.7
Services	3,783,470	18.7
Ships	590,540	2.9
Ammunition	300,940	1.5
Weapons	503,146	2.5
Tank-Automotive	527,597	2.6
All Other	1,254,182	6.2

## DOLLAR AWARDS BY TYPE OF PROGRAM

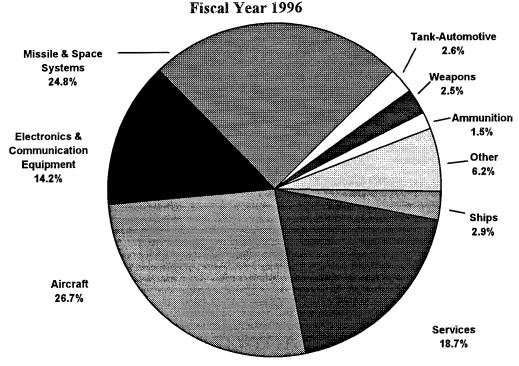


Table 1. Alphabetical Listing of the Top 100 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1996

RANK	*	CONTRACTOR	RANK	*	CONTRACTOR
					JOHNA HARVANA TUTTURA CATAL
90 24	F N	ADLER & STERN (1968) LTD. AEROSPACE CORPORATION	17 42	N B	JOHNS HOPKINS UNIVERSITY KAMAN CORPORATION
23	В	ALLIANT TECHSYSTEMS INC	62	В	LIGHT HELICPTE TURBINE ENG CO
88	B	AMTEC CORPORATION	68	B	LIGHT HELICPTR TURBINE ENG CO LITTON INDUSTRIES INC
78	В	ANALYSIS & TECHNOLOGY INC	1	В	LOCKHEED MARTIN CORPORATION
55	N	ANALYTIC SERVICES INC	31	В	LOGICON INC
81 74	B B	APPLIED RESEARCH ASSOC INC ARVIN INDUSTRIES INC	92 15	N N	LOGISTICS MANAGEMENT INST MASSACHUSETTS INST OF TECH
66	В	ASSURANCE TECHNOLOGY CORP	2	В	MCDONNELL DOUGLAS CORPORATION
52	В	AT&T CORP	60	B	MESC HOLDINGS, INC
34	N	BATTELLE MEMORIAL INSTITUTE	67	В	MISSION RESEARCH CORPORATION
63	В	BBN CORPORATION	11	N	MITRE CORPORATION
32	В	BDM INTERNATIONAL INC	45	В	MOTOROLA INC
61 4	B B	BLACK & DECKER CORPORATION BOEING COMPANY THE	91 25	B B	NATIONAL DEFENSE COMPANY LLC NICHOLS RESEARCH CORPORATION
	_		-	-	
18	В	BOEING SKRSKY COMANCHE TEAM JV	. 8	В	NORTHROP GRUMMAN CORPORATION
76 100	В	BOOZ ALLEN & HAMILTON INC BTG INC	44 28	B B	OGDEN CORPORATION
43	B N	CARNEGIE MELLON UNIVERSITY	28 77	В	OLIN CORPORATION ORBITAL SCIENCES CORPORATION
33	В	CHRYSLER CORPORATION	50	Ň	PENNSYLVANIA STATE UNIV INC
49	N	CNA CORPORATION	95	В	PLANNING SYSTEMS INCORPORATED
36	В	COLSA CORPORATION	41	В	PRIMARK CORPORATION
22	В	COMPUTER SCIENCES CORPORATION	80	В	QUESTECH, INC
54 98	B B	CONCURRENT COMPUTER CORP CONCURRENT TECHNOLOGIES CORP	64 3	N B	RAND CORPORATION RAYTHEON COMPANY
84	В	CUBIC CORPORATION	71	F	ROLLS-ROYCE PLC
89	В	DIGITAL SYSTEM RESOURCES INC	13	В	SCIENCE APPLICATIONS INTL CORP
40	В	DOUGLAS, DONALD DRAPER CHARLES STARK LAB INC	56	В	SPARTA INC
19 51	N B	DRAPER CHARLES STARK LAB INC DYNETICS INC	46 27	N B	SRI INTERNATIONAL SVERDRUP CORPORATION, THE
			-	_	·
94	В	EER SYSTEMS, INC	59	В	SYSTEMS MGT & ACCOUNTING
69 21	B B	FMC CORPORATION GENCORP INC	87 83	B B	T I/MARTIN JAVELIN JOINT VENTR TEC-MASTERS INC
38	В	GENERAL ATOMICS TECH CORP	97	В	TECHPLAN CORP
9	B	GENERAL DYNAMICS CORPORATION	35	В	TELEDYNE INC
12	В	GENERAL ELECTRIC COMPANY	16	В	TEXAS INSTRUMENTS INCORPORATED
6	В	GENERAL MOTORS CORPORATION	5	В	TEXTRON INC
72 82	В	GEO-CENTERS INC	30 <b>2</b> 9	F	THE GENERAL ELECTRIC CO. PLC
93	N B	GEORGIA TECH RESEARCH CORP GRC INTERNATIONAL INC	29 26	B B	THERMO ELECTRON CORPORATION TRACOR INC
75	В	GTE CORPORATION	7	В	TRW INC
37	В	HARRIS CORPORATION	79	В	UNISYS CORPORATION
39	В	HONEYWELL INC	14	В	UNITED DEFENSE LP
96 70	B N	HORIZONS TECHNOLOGY INC I I T RESEARCH INSTITUTE	10 65	B N	UNITED TECHNOLOGIES CORP UNIVERSITY OF CALIFORNIA
58	F	INCENTIVE AB	99	N	UNIVERSITY OF DAYTON INC
48	N	INSTITUTE FOR DEF ANALYSES	57	N	UNIVERSITY OF SOUTHERN CAL
73	В	INTERNATIONAL BUS MCHS CORP	47	N	UNIVERSITY OF TEXAS SYSTEM
53	В	ITT INDUSTRIES INC	86	В	VIASAT, INC
85	В	JAYCOR	20	В	WESTINGHOUSE ELECTRIC CORP

<sup>\*</sup> B = Business Firm

F = Foreign Contractor

 $N \,=\, Nonprofit\ Institution$ 

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Rank Name of Contract Location of W		Thousands of Dollars	Rank	Name of Contracto Location of Wo		Thousands of Dollars
1 LOCKHEED MARTIN CORPORATION Huntsville Litchfield Litchfield Fark Luke AFB Burbank Glendale Menlo Park Newport Beach North Gardena Ontario Palmdale Palo Alto Pomona Port Hueneme San Diego San Jose Santa Margarita Sonora Sunnyvale Colorado Springs Denver Falcon Littleton Waterton Washington Daytona Beach Eglin AFB Orlando Panama City Panam	ON Alabama Arizona Arizona Arizona Arizona California C	4,316,902 * 13,656 4,899 93,398 5,743 104 13,815 226 35,202 219 992 35,054 17,654 250 36 736 4,640 1,000 130 430,385 28,571 818,017 1,490- 123,482 54 4,421 4,613 43- 96,981 4,613 450 2,801 1,788,366 6,301 5,255 5,950 8,100 2,599 650 161 10,763 87 4,282 98,815 5,552 5,950 8,100 2,991 6650 161 10,763 87 4,282 98,815 5,582 167 42,991 63 1,000 4,412 9,171 11,117 588 700 52,812 70 23,192 33,395 11,440 100 52,812 70 23,192 33,395 11,440 100 118 129,883 70 23,192 33,395 11,440 100 101 118 129,883 70 23,192 33,395 11,440 100 101 118 129,883 70 29,467 118,291 1,620 855 170 29,467 118,291 1,626 9,079		LOCKHEED MARTIN CORPORAT Manakin-Sabot Manassas Manassas National Ba Reston  MCDONNELL DOUGLAS CORPOR Huntsville Mesa Huntington Beach Long Beach San Diego Santa Ana Vandenberg AFB Patrick AFB Berkeley St. Louis San Antonio Chesapeake Seattle  RAYTHEON COMPANY Goleta San Diego Washington Saint Petersburg Tropicanna Mobile Ma Andover Bedford Burlington Hanscom AFB Lexington Marlborough Sudbury Tewksbury Wayland West Andover Cherry Hill State College Portsmouth Dallas Dallas-Fort Worth Re Garland Greenville Salt Lake City Ashburn Falls Church Vienna Yona  BOEING COMPANY THE Huntsville Anaheim Canoga Park Downey Los Angeles Newbury Park Santa Barbara Seal Beach Thousand Oaks Denver Fort Walton Beach Duluthe Puunene Cedar Rapids Wichita Albuquerque Kirtland AFB Tulsa Philadelphia Richardson	CION (Cont) Virginia Virginia Virginia Virginia Virginia Virginia Virginia Virginia Virginia California California California California California California California California Wissouri Missouri Texas Virginia Washington  California California California California California California California Virginia Washington  California California D.C. Florida A Florida A Massachusetts Massachus	2,494 67,458 3,139 18,765  1,380,947 1,467 49,318 188,484 90,481 728 419 1,053 2,819 1,053 2,819 1,306 1,043,806 1,044,806 1,0

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Rar	Name of Contraction of V		Thousands of Dollars	Rank	Name of Contractor Location of Wor		Thousands of Dollars
5	TEXTRON INC Phoenix Stratford New Orleans Aberdeen Everett Lowell Wilmington Wheatfield Fort Worth	Arizona Connecticut Louisiana Maryland Massachusetts Massachusetts Massachusetts New York Texas	665,620 * 781 8,865 245 50 11,921 2,059 36,454 1,540 602,511	8	NORTHROP GRUMMAN CORPORA' El Segundo Hawthorne Pico Rivera Melbourne Saint Augustine Rolling Meadows Annapolis Baltimore Ingleside	California California California Florida Florida Illinois Maryland Maryland Maryland	446,031 1,772 124,642 21,623 161,376 792 4,625 47 8,171 760
6	Houston Hurst GENERAL MOTORS CORPORATI	Texas Texas ON	194 1,000 543.975 *		Bethpage Pittsburgh Lewisville Herndon	New York Pennsylvania Texas Virginia	117,217 294 1,625 3,087
	Huntsville Mesa Tucson Tucson Country Club Buena Park Canoga Park Carlsbad China Lake NWC Edwards AFB El Segundo Fullerton Goleta Irvine Long Beach Los Angeles Malibu Malibu Beach Newport Beach Rancho Cucamonga San Diego Sylmar Torrance Dambury Washington Fort Wayne Indianapolis Lamham Riverdale Hanscom AFB Lexington Detroit Mahwah Albuquerque White Sands Msl Rge	Alabama Arizona Arizona Arizona California Chalifornia California Connecticut D.C. Indiana Indiana Maryland Massachusetts Massachusetts Michigan New Jersey New Mexico New Mexico	19,648 12,485 152,958 360 17,634 73,791 413 1,609 3,453 39,892 19,587 12,655 1,364 301- 90,327 11,318 224 396 710 28,856 710 28,856 879 2,925 9,704 1,350 200 122 4,940 501 55 150 798- 2,735		GENERAL DYNAMICS CORPORA' Groton Bath Muskegon Sterling Heights Warren Woodbridge  UNITED TECHNOLOGIES CORP Huntsville San Jose East Hartford (Town) South Windsor Stratford Flora West Palm Beach Patuxent River NAS Kirtland AFB  GENERAL ELECTRIC COMPANY Fitchburg Lynn Pittsfield Schenectady Syracuse Cincinnati Evendale Philadelphia York Arlington Yona  SCIENCE APPLICATIONS INTI-	Connecticut Maine Michigan Michigan Michigan Michigan Michigan Virginia  Alabama California Connecticut Connecticut Florida Florida Maryland New Mexico  Massachusett: Massachusett: New York New York Ohio Pennsylvania Pennsylvania Virginia Marshall I	149,419 5,432 8,827 14,695 173,585 1,084 7,301 376 2,000 1,909
7	Binghamton Rome Middletown Newport Arlington Herndon Reston  TRW INC Carson Redondo Beach San Bernardino San Diego Sunnyvale Falcon Washington Bellevue Princeton White Sands Msl Rge Beavercreek Fairfax Rosslyn	New York Rhode Island Rhode Island Virginia Virginia Virginia California California California California California California Colorado D.C. Nebraska New Jersey	3,629 350 900 644 5,459 6,635 12,584 297 465,296 * 85,828 252,105 953 1,329 11,249 25,080 2,791 734 3,999 3,575 4,869 12,123 60,659		Huntsville Tucson Berkeley Hermosa Beach Palo Alto San Diego Torrance New London New London Naval Und Washington Orlando Patrick AFB Marietta Idaho Falls West Aberdeen Prov Grnd Abingdon Mashpee Gulfport Albuquerque Socorro Dayton Newport Alexandria Arlington Dahlgren Falls Church Fort Lee	Alabama Arizona California California California California California Connecticut	35,682 2,060 331 9 30 135,263 30,250 1,087 718 700 10,320 7320 335 272 549 30 3,375 13,942 6,798 248 575 21,365 100 7,879 700

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Rank	Name of Contrac Location of V		Thousands of Dollars	Rank	Name of Contractor Location of Wor		Thousands of Dollars
sc	TENCE APPLICATIONS INTI McLean Newington Rosslyn Vienna Virginia Beach	CORP Virginia Virginia Virginia Virginia Virginia GREECE	40,184 9,592 11,379 1,222 118 40	23	ALLIANT TECHSYSTEMS INC San Diego Clearwater Annapolis Edina Hopkins New Brighton	California Florida Maryland Minnesota Minnesota Minnesota	167,859 171 18,344 869 18,749 76,628 4,014
	Minneapolis York	Alabama California California Minnesota Pennsylvania	327,461 * 1,054 1,226 114,602 122,697 87,882		Totowa Horsham Middletown Naval USC Newport Toone (CCD) Magna Mukilteo	New Jersey Pennsylvania Rhode Island Rhode Island Rhode Island Tennessee Utah Washington	874
16 TE	Dallas Dallas-Fort Worth Re	Connecticut Texas	270,630 * 100 70,113 4,431 94,847	25	Poulsbo Seattle Rocket Center NICHOLS RESEARCH CORPORA	Washington Washington West Virginia	1,060 150
18 BO	McKinney Plano EING SKRSKY COMANCHE TR	Texas Texas EAM JV Pennsylvania	98,712 2,427 223,182 * 223,182		Huntsville Cape Canaveral AFS Wakefield Vicksburg	Alabama Florida Massachusetts Mississippi	136,612 2,099 354
20 WE	STINGHOUSE ELECTRIC COF Sunnyvale Norwalk Cecil Field NAS Annapolis Baltimore Baltimore-Washington Ingleside Linthicum Linthicum Heights Sykesville Clines Corners Melville Cincinnati Cleveland Pittsburgh	RP California Connecticut Florida Maryland Maryland	214,728 * 43,246 850 144 38,722 57,093 922 12,033 8,721 1,689 13,678 563 3,460 25,225 3,450 4,840 91	26	TRACOR INC China Lake NWC Point Mugu San Diego San Ramon Groton New London Naval Und Eglin AFB Bayview Bath California Patuxent River NAS Rockville Silver Spring Pascagoula Warminster Middletown Newport	California California California California Connecticut Connecticut Florida Idaho Maine Maryland Maryland Maryland Mississippi Pennsylvania Rhode Island	138,182
21 GE	Nimbus Rancho Cordova Sacramento Sacramento South	California California California California California	186.248 * 177,155 94 235 8,437 250	27	Austin Arlington Dahlgren  SVERDRUP CORPORATION, THE National Space Techn	Texas Virginia Virginia E Mississippi	74,320 2,111 16,383 122,424 * 1,095
22 COI	MPUTER SCIENCES CORPORA Huntsville Fort Huachuca Monterey San Diego Pensacola Lexington Park Patuxent River NAS Eatontown	New York  CION S Alabama Arizona California California Florida Maryland Maryland New Jersey New Jersey New Jersey	78  184,383 ** 2,250 100 467 10,069 225 2,297 500 683 12,886	28	Beavercreek Arnold AFB  OLIN CORPORATION Downey San Leandro Saint Petersburg East Alton Marion Marion Redmond	Ohio Tennessee  California California Florida Illinois Illinois Ohio Washington	2,129 119,199 121,809 * 1,838 13,889 83,393 31 21,000 287 1,371
	Moorestown Holloman AFB Rome Fairborn Warminster Arnold AFB Alexandria Dahlgren Falls Church	New Jersey New Mexico New York Ohio Pennsylvania Tennessee Virginia Virginia Virginia	12,000 13,679 1,649 30 258 569 104,849 95 17,853 13,375 2,550	29	THERMO ELECTRON CORPORAT: Huntsville San Diego Orlando Fort McPherson White Sands Msl Rge Fairfax Johnston Atoll	CON Alabama California Florida Georgia New Mexico Virginia U.S. Minor	91,020 * 30,057 13,311 43,384 49 358 2,994 867

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Ranl	k Name of Contrac Location of V		Thousands of Dollars	Rank	Name of Contractor Location of Wor		Thousands of Dollars
31	LOGICON INC Los Angeles Marina del Ray San Diego San Pedro New London	California California California California Connecticut	81,774 * 1,013 27,939 5,275 20,023	40 41		Missouri Florida Florida	60,894 * 60,894 59,051 * 4,558 2,056
	New London Naval Und Washington Winter Park Waikiki Silver Spring Albuquerque Kirtland AFB	Connecticut D.C. Florida Hawaii Maryland New Mexico New Mexico	27 249 160 461 213 1,684 7,175 9,751			Florida Massachusetts New York Ohio Texas Virginia Virginia	3,684 27,841 278 34 2,516 10,486 7,598
	Wright Patterson AFB Middletown Naval USC Newport Arlington Dahlgren Falls Church Langley AFB	Onio Rhode Island Rhode Island Rhode Island Virginia Virginia Virginia Virginia Virginia Virginia	618 460 130 4,800 159 357 130 1,102	42	KAMAN CORPORATION Huntsville Colorado Springs Bloomfield Washington Boston Burlington Hudson Albuquerque	Alabama Colorado Connecticut D.C. Massachusetts Massachusetts New Mexico	136
32	BDM INTERNATIONAL INC Huntsville Fort Huachuca Albuquerque Dayton	Alabama Arizona New Mexico Ohio	73,257 * 4,912 2,324 12,781 138 53,101	44	Utica State College Alexandria McLean OGDEN CORPORATION	New York Pennsylvania Virginia Virginia	42 587 3,305 52,780 *
33	McLean  CHRYSLER CORPORATION  Huntsville Richardson Waco-Madison Cooper Arlington	Virginia Alabama Texas Texas Virginia	70,466 * 284 3,086 66,720 377		Roebuck Crest Estate San Diego Washington Gaithersburg Rockville Chelmsford Dayton	California D.C. Maryland Maryland Massachusetts Ohio	16,068
35	TELEDYNE INC Huntsville Hollister La Fetra Northridge Muskegon Toledo	Alabama California California California Michigan Ohio	63,138 * 60,494 97 388 850 1,113 144	45	Scottsdale Tempe Arlington	Arizona Arizona Virginia	843 51,995 * 49,690 1,623 682 41,531 *
36	Alexandria COLSA CORPORATION	Virginia	53 62,907 *	51	DYNETICS INC Huntsville	Alabama	41,531 41,110 *
	Huntsville  HARRIS CORPORATION Fort Walton Beach Melbourne Palm Bay Rochester Mountain Top State College	Alabama  Florida Florida Florida New York Pennsylvania Pennsylvania	62,907 62,869 * 287 50,061 1,511 2,185 7,400 70 991	52	AT&T CORP  San Diego Washington Columbia Holmdel Murray Hill Whippany Greensboro Allentown-Bethlehem-	California D.C. Maryland New Jersey New Jersey New Jersey North Carolin Pennsylvania	123 771 49 167 2,303 6,001 110-
38	Alexandria Reston  GENERAL ATOMICS TECH COR San Diego Dugway Proving Grd	Virginia Virginia P California Utah	364 62,743 * 62,311 432	53	ITT INDUSTRIES INC Los Angeles Van Nuys Eglin AFB Fort Wayne Clifton	California California Florida Indiana New Jersey	41,089 * 4,309 471- 841 6,045 26,856
39	HONEYWELL INC Glendale Colorado Springs Clearwater Saint Petersburg Bloomington Minneapolis New Hope Plymouth Albuquerque	Arizona Colorado Florida Florida Minnesota Minnesota Minnesota Minnesota New Mexico	61,701 * 620 1.198 9,242 5,000 1,803 19,611 50 7,826 16,352	54	Nutley Roanoke  CONCURRENT COMPUTER CORP Johnstown Kenmawr Philadelphia	New Jersey Virginia	40,669 * 15,500 6,505 18,664

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Ran	k Name of Contractor Location of Wo		Thousands of Dollars	Rank	Name of Contractor Location of Wor		Thousands of Dollars
56	SPARTA INC	s	38,782 *	69			32,624 *
		abama Lifornia	18,364 45-		Minneapolis	Minnesota	32,624
	Edwards AFB Cal	lifornia	3,917	72	GEO-CENTERS INC	S	31,947 *
		lifornia lifornia	13,038 1,744		Washington Aberdeen Prov Grnd	D.C. Maryland	9,653 1,159
	Lexington Mas	ssachusetts	96		Bethesda	Maryland	725
	McLean Vii	rginia	1,669		Natick R & D Center Newton Center	Massachusetts Massachusetts	
59	SYSTEMS MGT & ACCOUNTING	s	37,072 *		Eatontown	New Jersey	149
		lifornia	8,040	72	INTERNATIONAL BUS MCHS C	ODD	31,687 *
	Akron Oh:	10	29,032	/3	San Jose	California	1,232
60	MESC_HOLDINGS, INC		36,959 *		Boulder	Colorado	518-
	Fort Wayne Inc	diana	36,959		Orlando Bethesda	Florida Maryland	2,078 1,600
61	BLACK & DECKER CORPORATION		35,428 *		Gaithersburg	Maryland	5,446
		lifornia braska	2,418 8,800		Yorktown Heights Pittsburgh	New York Pennsylvania	4,833 300
		rginia	66		Manakin-Sabot	Virginia	1,000
		rginia	40		Manassas	Virginia	15,716
		rginia rginia	5,686 17,817	74	ARVIN INDUSTRIES INC		31,276 *
		rginia	601		Buffalo	New York	16,114
62	LIGHT HELICPTR TURBINE ENG	co s	35.400 *		Springville Dayton	New York Ohio	30 2,971
O.L		ssouri	35,400		Wright Patterson AFB	Ohio	9,207
63	BBN CORPORATION		35,257 *		Arnold AFB Brooks AFB	Tennessee Texas	1,352 697
03		lifornia	93		San Antonio	Texas	905
		nnecticut	371	7.5	CEE CONTON METON		20 526 4
		ssachusetts ssachusetts	31,841 535	/5	GTE CORPORATION Mountain View	California	30,526 * 641
		rginia	2,417		Thousand Oaks	California	<ul> <li>1,052</li> </ul>
66	ASSURANCE TECHNOLOGY CORP	s	34,103 *		Westlake Village Gaithersburg	California Maryland	2,765 5,758
00	Washington D.(		119		Rockville	Maryland	300
		ssachusetts	22,663		Needham	Massachusetts	
	Alexandria Vii	rginia	11,321		Needham Heights Taunton	Massachusetts Massachusetts	
67	MISSION RESEARCH CORPORATION		33,876 *		Waltham	Massachusetts	
		lifornia lifornia	933 235		Westborough Deer Park	Massachusetts New York	4,010 759
	Fountain Valley Cal	lifornia	419	j	Yona	Marshall I	810-
		lifornia lifornia	10,693 8,910	76	BOOZ ALLEN & HAMILTON IN	c.	30,046 *
	Colorado Springs Col	lorado	1,696	· · ·	Huntsville	Alabama	1,355
	Washington D.C Nashua New	C. w Hampshire	168 3,272		Mountain View Washington	California D.C.	1,011 266
		w Mexico	6,990		Bethesda	Maryland	32
	Dayton Oh:		312		Fort Monmouth	New Jersey	83- 91-
		nnsylvania rginia	60 187		Tinton Falls Arlington	New Jersey Virginia	5,486
		3			Falls Church	Virginia	1,026
68	LITTON INDUSTRIES INC Agoura Hills Cal	lifornia	33,826 * 840		McLean	Virginia	21,045
	Goleta Ca.	lifornia	310	77	ORBITAL SCIENCES CORPORA		29,884 *
		lifornia lifornia	248 1,278		Chandler Tempe	Arizona Arizona	11,437 3,052
		lifornia	4,834		Washington	D.C.	2,788
		lifornia	531		Germantown	Maryland	7,483
		lifornia Lifornia	20,515 3,048		Dulles Int A/P Fairfax	Virginia Virginia	1,047- 5,981
	Washington D.O	C.	55		McLean	Virginia	189
		orida orida	931 297	78	ANALYSIS & TECHNOLOGY IN	С	29,099 *
	College Park Mai	ryland	879	,	Monterey	California	1,721
		ssissippi xas	90- 150		Mystic New London	Connecticut Connecticut	7,625 1,471
	Oditand 16.	nus	100		New London Naval Und	Connecticut	816
					North Haven	Connecticut	178
					North Stonington Washington	Connecticut D.C.	9,437 29
					Panama City Beach	Florida	2,958
					Cohasset	Massachusetts	33

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Business Firms: FY 1996

Rank	Name of Contrac Location of V		Thousands of Dollars	Rank	Name of Contracto Location of Wo		Thousands of Dollars
٠	ANALYSIS & TECHNOLOGY INC Bay St. Louis Middletown Naval USC Newport Arlington Frytown UNISYS CORPORATION	Mississippi Rhode Island Rhode Island Rhode Island Virginia Virginia	60 320 2,342 1,800 164 146 28,353 *	94	EER SYSTEMS, INC Huntsville Ridgecrest Lanham Seabrook Vienna PLANNING SYSTEMS INCORPO	California	22,141 * 13,297
	San Diego Washington St. Paul Eatontown Great Neck Warminster Salt Lake City Dahlgren McLean Reston	California D.C. Minnesota New Jersey New York Pennsylvania Utah Virginia Virginia Virginia	4,145 270 1,205 195 217 100 11,070 1,525 138 9,487	96	Washington Jacksonville Naval A Slidell Bethesda Silver Spring National Space Techn McLean Mallow Mall HORIZONS TECHNOLOGY INC	Louisiana Maryland Maryland Mississippi Virginia Virginia	498 1,252 661 2,943 2,730 13,239 231
80	QUESTECH, INC Washington Dayton Arlington	S D.C. Ohio Virginia	27,665 * 4,445 807 4,321		Sacramento San Diego Melbourne Bedford	California California Florida Massachusetts	•
81	Falls Church APPLIED RESEARCH ASSOC II Auburn	Virginia	18,091 27,483 * 178 49	97	TECHPLAN CORP Wayne Austin Arlington	New Jersey Texas Virginia	21,347 * 57 6,382 14,908
	Washington Tyndall AFB Vicksburg Albuquerque Raleigh Hampton	Florida Mississippi New Mexico North Carolina Virginia	11,413 75 14,930 746 91	98 100	CONCURRENT TECHNOLOGIES Johnstown  BTG INC Vienna	CORP Pennsylvania S Virginia	21,330 21,330 19,939 19,939
83	TEC-MASTERS INC Huntsville	S Alabama	26,222 * 26,222		TC	TAL	15,135,483
84	CUBIC CORPORATION San Diego	S California	25,388 * 25,388				
85	JAYCOR Huntsville El Segundo San Diego Santa Barbara Colorado Springs Washington Fairborn Vienna	Alabama California California California Colorado D.C. Ohio Virginia	25,212 * 58 375 14,519 68 2,009 32 2,797 5,354				
86	VIASAT, INC Carlsbad	S California	25,178 * 25,178				
87	T I/MARTIN JAVELIN JOINT Lewisville	VENTR Texas	25,018 * 25,018				
88	AMTEC CORPORATION Huntsville	S Alabama	24,648 * 24,648				
89	DIGITAL SYSTEM RESOURCES Fairfax	INC S Virginia	24,058 * 24,058				
91	NATIONAL DEFENSE COMPANY Lancaster	LLC S Pennsylvania	23,224 * 23,224				
93	GRC INTERNATIONAL INC Santa Barbara Washington Dayton Fairborn Vienna	California D.C. Ohio Ohio Virginia	22,425 * 1,116 200 1,162 11,592 8,355				

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

S = Small Business

Table 3. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1996

Rar	nk Name of Contr Location of		Thousands of Dollars	Rank	Name of Contracto Location of Wo	Thousands of Dollars	
11	MITRE CORPORATION Bedford McLean	Massachusetts Virginia	365,085 * 202,895 162,190		BATTELLE MEMORIAL INSTI Fayetteville Raleigh	TUTE (Cont) North Carolin North Carolin	
		-	•	1	Raleigh	North Dakota	33
15	MASSACHUSETTS INST OF T Cambridge	ECH Massachusetts	316,858 * 9,195	1	Columbus Norman	Ohio Oklahoma	57,066 44
	Cambridge A	Massachusetts	820	1	Bethlehem	Pennsylvania	25
	Lexington	Massachusetts	306,843	1	Spring Grove	Pennsylvania	28 81
17	JOHNS HOPKINS UNIVERSIT	Y	243.947 *	1	Oak Ridge Austin	Tennessee Texas	105
	Washington	D.C.	86		Houston	Texas	49
	Baltimore Laurel	Maryland Maryland	2,256 241,127		San Antonio Alexandria	Texas Virginia	51 80
	Addison	Michigan	478	į	Arlington	Virginia	41
		<del>-</del>		1	Blacksburg	Virginia	92
19	DRAPER CHARLES STARK LA Cambridge	B INC Massachusetts	215,113 * 191,515		Charlottesville Norfolk	Virginia Virginia	36 31
	Cambridge A	Massachusetts	23,598		Port Royal	Virginia	482
24	AFROCRACE CORRORATION		155,690 *	1	Vienna Bothell	Virginia Washington	102 81
24	AEROSPACE CORPORATION El Segundo	California	155,690		Olympia	Washington	50
	•				Richland	Washington	2,270
34	BATTELLE MEMORIAL INSTI	TUTE Alabama	67,114 * 27	1	Seattle Milwaukee	Washington Wisconsin	1,705 31
	Tempe	Arizona	27		Madree	W1500115111	
	Tucson	Arizona	38	43	CARNEGIE MELLON UNIVERS		54,365
	Cupertino Cypress	California California	26 47	1	Champaign Cambridge	Illinois Massachusetts	260 5 7,612
	Los Angeles	California	25	1	Pittsburgh	Pennsylvania	46,147
	Menlo Park	California	52		University Park	Pennsylvania	345
	Monterey Port Hueneme	California California	52 553	46	SRI INTERNATIONAL		51,798
	San Diego	California	127	1	Menlo Park	California	40,014
	Aurora	Colorado	34 26		Los Angeles Princeton	California New Jersey	170 11,559
	Fort Collins Highlands	Colorado Colorado	32	]	Fairfax	Virginia	56
	New Haven	Connecticut	61			_	
	West Mystic Newark	Connecticut Delaware	46 132	47	UNIVERSITY OF TEXAS SYS	TEM California	46,094 70
	Washington	D.C.	55	ı	Arlington	Texas	4,438
	Tallahassee	Florida	56	i	Austin	Texas	40,347
	Atlanta Chicago	Georgia Illinois	38 41	ŀ	Dallas Houston	Texas Texas	37 531
	Urbana	Illinois	55	1	Richardson	Texas	442
	Granger	Indiana	45 26	1	San Antonio	Texas	229
	Terre Haute West Lafayette	Indiana Indiana	91	48	INSTITUTE FOR DEF ANALY	SES	44,383
	Louisville	Kentucky	147	1	Alexandria	Virginia	44,383
	New Orleans Baltimore	Louisiana Maryland	70 238	49	CNA CORPORATION		44,138
	College Park	Maryland	87	1 7	Alexandria	Virginia	44,138
	Silver Spring	Maryland	29		PENNSYLVANIA STATE UNIV	TNC	/1 EEO
	Whiteford Amherst	Maryland Massachusetts	47 32	50	Squaw Valley	California	41,559 3,904
	Andover	Massachusetts	167	j	State College	Pennsylvania	36,657
	Boston	Massachusetts	80 629	ţ	University Park	Pennsylvania	997
	Burlington Duxbury	Massachusetts Massachusetts	323	55	ANALYTIC SERVICES INC		39,896
	Lowell	Massachusetts	28	1	Arlington	Virginia	39,791
	North Andover Waltham	Massachusetts Massachusetts	49 310	[		RUSSIA	104
	Ann Arbor	Michigan	42	57	UNIVERSITY OF SOUTHERN	CAL	38,082
	Detroit	Michigan	70	1	Los Angeles	California	27,622
	Rochester Minneapolis	Michigan Minnesota	61 46	-	Los Angeles AF Sta. Marina del Ray	California California	7,647 1,800
	Lincoln	Nebraska	44	1	University Park	California	1,013
	Omaha	Nebraska	38	,,	DAND CORPORATION		25 101
	North Brunswick Piscataway	New Jersey New Jersey	51 30	64	RAND CORPORATION Blanchard	California	35,191 18,538
	Albuquerque	New Mexico	29	1	Santa Monica	California	16,653
	Albany	New York	27				
	Ithaca Rochester	New York New York	46 25				
	Schenectady	New York	25	1			
	Stony Brook	New York	67	1			

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

Table 3. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to U.S. Educational and Nonprofit Institutions: FY 1996

Rar	nk Name of Contractor Location of Work	Thousands of Dollars  34,733 * 469 12,105 482 997 4,043 6,620 27 2,521 3,699 2,318 1,452	Rank	Name of Contractor Location of Work	Thousands of Dollars
65	UNIVERSITY OF CALIFORNIA Fairbanks Alaska Berkeley California Davis California Irvine California La Jolla California Los Angeles California Riverside California San Diego California San Francisco California Santa Barbara California Santa Cruz California				
70	I I TRESEARCH INSTITUTE Chicago Illinois Evansville Indiana Annapolis Maryland Rome New York	32,282 * 5,042 25 26,858 358			
82	GEORGIA TECH RESEARCH CORP Bayville Delaware Atlanta Georgia	26,239 * 100 26,139			
92	LOGISTICS MANAGEMENT INST Bethesda Maryland McLean Virginia	22,849 * 19,551 3,299			
99	UNIVERSITY OF DAYTON INC Williams AFB Arizona Dayton Ohio Dayton Municipal Air Ohio	20,712 * 100- 19,475 1,337			

<sup>- =</sup> Minus Amount (Cancellations Exceed New Awards)

Table 4. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to Foreign Contractors: FY 1996

Ran		Name of Contractor Location of Work		Rank	Name of Contractor Location of Work	Thousands of Dollars
30	THE GENERAL ELECTRIC CO Ontario San Diego Santa Monica Little Falls Wayne	. PLC California California California New Jersey New Jersey	83,069 * 97 270 300 9,135 73,267			
58	INCENTIVE AB Gulfport	Mississippi	37,667 * 37,667			
71	ROLLS-ROYCE PLC Atlanta Indianapolis	Georgia Indiana UNITED KINGDOM	32,117 * 81 28,209 3,826			
90	ADLER & STERN (1968) LT	). ISRAEL	23,518 * 23,518			
	TO	DTAL	176,371			
				1		